



The Kentucky Tech Curriculum

Office of Career and Technical Education

Equal Education Opportunities M/F/D

MASTER COURSE LIST

Effective: 12/28/2012

Computerized Manufacturing and Machining

HS PSD/LEAD Code	High School Title/KCTCS Course No./Title		HS Credit	% Lecture	% Lab	% Experience
470924	ADVANCED DIMENSIONING AND MEASUREMENT		1	40%	60%	0%
	CAD 240	Advanced Dimensioning and Measurement				
470911	APPLIED MACHINING I		1	25%	75%	0%
	CMM 120	Applied Machining - I				
470912	APPLIED MACHINING II		1	25%	75%	0%
	CMM 122	Applied Machining - II				
470921	BLUEPRINT READING FOR MACHINISTS		1	60%	40%	0%
	BRX 112	Blueprint Reading for Machinists				
480110	CAD I		1	30%	70%	0%
	CAD 100	Introduction to Computer Aided Drafting				
480112	CAD II		1	30%	70%	0%
	CAD 200	Intermediate Computer Aided Drafting				
480114	CAD III		1	50%	50%	0%
	CAD 250	Advanced CAD				
470925	CAD/CAM/CNC		1	25%	75%	0%
	CMM 132	CAD/CAM/CNC				
470926	CONVERSATIONAL PROGRAMMING		1	34%	66%	0%

	CMM 2301	Introduction to Conversational Programming				
470927	EDITING AND SUBROUTINES		1	34%	66%	0%
	CMM 2302	Editing and Subroutines (Conversational)				
470913	MACHINE TOOL - A		1	25%	75%	0%
	CMM 110	Fundamentals of Machine Tools - A				
470914	MACHINE TOOL - B		1	25%	75%	0%
	CMM 112	Fundamentals of Machine Tools - B				
470915	MANUAL PROGRAMMING		1	34%	66%	0%
	CMM 130	Manual Programming				
470928	METROLOGY		.5	100%	0%	0%
	CMM 118	Metrology/Control Charts				
470920	* BASIC BLUEPRINT READING FOR MACHINIST		.5	10%	0%	0%
	BRX 110	Basic Blueprint Reading for Machinist				
470929	* CO-OP I (MACHINE TOOL)		1	0%	0%	100%
	CMM 199	Cooperative Education I				
470930	* CO-OP II (MACHINE TOOL)		2	0%	0%	100%
	CMM 299	Cooperative Education II				
470931	* CO-OP III (MACHINE TOOL)		3	0%	0%	100%
	CMM 199	Cooperative Education I				
	CMM 299	Cooperative Education II				
470904	* COMPUTER APPLICATIONS FOR MACHINISTS		.5	100%	0%	0%
	CIS 100	** Introduction to Computers for Office Technology				
460301	* INDUSTRIAL SAFETY		.5	100%	0%	0%

	ISX 100	Industrial Safety				
470922	* MECHANICAL PRINTS		.5	60%	40%	0%
	BRX 210	Mechanical Blueprint Reading				
060170	* PERSONAL FINANCIAL MGMT		.5	100%	0%	0%
	BAS 120	Personal Finance				
470932	* PRACTICUM I (MACHINE TOOL)		1	0%	0%	100%
	CMM 198	Practicum I				
470933	* PRACTICUM II (MACHINE TOOL)		2	0%	0%	100%
	CMM 298	Practicum II				
470934	* PRACTICUM III (MACHINE TOOL)		3	0%	0%	100%
	CMM 198	Practicum I				
	CMM 298	Practicum II				
470979	* SPECIAL PROBLEMS (INDUSTRIAL SOLUTIONS)		1	0%	100%	0%
	IEX 293	Special Problems (Industrial Solutions)				
060191	* WORKPLACE PRINCIPLES		.5	100%	0%	0%
	WPP 200	Workplace Principles				

* - Before Course Title: Elective Course (See Notes Section)

* - After Course Title: Secondary Course; does not transfer to KCTCS

NOTES

CO-OP:

A student may repeat co-op or practicum for more than one credit, to the maximum number of credits allowed by the high school.

ELECTIVES:

The courses listed as electives are **not** part of certificate requirements. Elective courses may be an addition to any certificate but **not** a replacement or substitute for any required course.

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